OIPE	·Cas
	A THIS THE
HO WAR 1	9

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Linder the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

titute for form 1449A/PTO Complete If Known

NFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/042,245 Filing Date January 11, 2002 First Named Inventor John J. Donahue Group Art Unit 1 2161 Examiner Name

(use as many sheets as necessary)

Unknown Sheet of Attorney Docket Number 011684.00009

Examiner	Cite	Document Number	U.S. PATENT D	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Retevant Passages or Relevant	
Initials :	No.1	Number - Kind Gode ² (if known)	WW-DO-AAAA	Cited Document		
	1	US- 2001/0005829 A1	6/2001	Raveis, Jr.	Figures Appear	
	2	US- 2002/0046159 A1	4/2002	Ravels Jr.		
1/	3	US- 2002/0049624 A1	4/2002	Ketterer		
KA	. 4	US- 2002/0052814 A1	5/2002	Ketterer		
MAY	5	US- 2002/0085739 A1	5/2002	Florance et al.		
		US-				
		US-	-	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
		US-		·		
		US-				
		US-				
		US-				
		US-	 	 	<u> </u>	
1		US-				
		US-				
		US-				
		US-		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	•	US-		<u> </u>		
		Us-				
		US-				
		US-			•	

		FOREIGN PA	TENT DOCU	MENTS		-
Examiner Cite	Cite	Foreign Patent Document			Pages, Columns, Lines,	
Initials*	2 ^{No.'}	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-0D-YYYY	Name of Agents of Agents of Control of Contr	Where Relevant Passages or Relevant //n Figures Appear	T*
M	-6	JP 2002-7542	1/11/2002	Northern Sogo Kenkyu Aro KK Nomunik	Ser anstract	
	-			MO	007	
	· · · · · · · · · · · · · · · · · · ·					
				(5)	Sac	
						<u> </u>
						
						
نلنت						

Evadalasa	A	1/-4/				
Examiner	/ / /		つ .	Date		
Signature	I // ∨∧	MI LA	L'helse		11/50/1/50	•
	//_X///		<i>(.1181/2.</i>	Considered	7/20/03	
'EVALUACE	//.	077	7	ليسينيمسي		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PE	VC.
/ ⁰ .	
MAR 1	
E.	Smallitute (

PTO/S8/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. OEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

STATEMENT BY APPLICANT

Complete If Known

Application Number 10/042,245

Filing Date January 11, 2002

First Named Inventor John J. Donahue

Group Art Unit 2161

Examiner Name Unknown

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 011684.00009

	<u> </u>		U.S. PATENT	DOCUMENTS	
Exeminer	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	
Initials /		Number - Kind Code ² (if known)		Cited Document	Péges, Columns, Lines, Where Relévant Passages or Relevant Figures Appear
	1	US- 2001/0005829 A1	6/2001	Raveis, Jr.	rigures Appear
	2	US- 2002/0046159 A1	4/2002	Raveis Jr.	
1/:	3	US- 2002/0049624 A1	4/2002	Ketterer	
KA	. 4	US- 2002/0052814 A1	5/2002 .	Ketterer	
VAY	5	US- 2002/0085739 A1	5/2002	Florance et al.	
0		US-			
		US-		 	<u> </u>
		US-			
		US-			
		US-	•		
		US-			<u> </u>
		US-		 	
		US-			
		US-		<u> </u>	
	-	us-			
		us-			<u> </u>
		US-		<u> </u>	<u> </u>
		US-			
	<u> </u>	US.			
		US-			•

	·	FOREIGN PA	TENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Palentee or Agontan of Lied Observe	Pages, Columns, Lines, Where Relevant Passages or Relevant In Figures Appear	
		Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)				T ⁴
M	-6	JP 2002-7542	1/11/2002	Northera Sogo Kenkyunno KK Nomunik R	Ser abstract	
					007	
					Soci	
		·				
						
,	• • •					
						————

	 }			
Examiner Signature	1	Vance Angline	Date Considered	4/28/05
'5×44	/.	V/I		700/0

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

A

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.